

# Warren Wilson College

701 Warren Wilson Road Swannanoa, North Carolina 28778-2099

May 21, 1985

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5/24  
Mr. Harold R. Denton, Director  
Office of Nuclear Reactor Regulation  
US Nuclear Regulatory Commission

54-295  
100-294  
DOL - Action 11  
859123

Dear Mr. Denton:

SUBJECT: YOUR LETTER OF SEPTEMBER 27, 1984 TO MR. GOGOL OF CANP

I am enclosing a copy of Mr. James Carp's letter to me of May 16, 1985 and my reply to his letter.

10 CFR requires that computer assisted nuclear safety related calculations be performed using the duly validated computer programs and that the computer program name and the developer's name be clearly identified when such calculations are presented.

Your Exhibits 10-13 to the letter to Mr. Gogol identify the developer as Volumetrics, a company of California. However, as can be seen from his letter, Mr. Carp questions your statement.

If he is correct, you owe an apology to both Mr. Carp and to Mr. Gogol for sending incomplete information. I, personally, feel embarrassed, and I intend to fully satisfy Mr. Carp upon the receipt of your information on the developer's name if it turns out to be other than stated in your letter to Mr. Gogol.

## REQUEST

Please provide the source for Exhibits in your letter of September 27, 1984 to Mr. E. Gogol, related to computer assisted leak rate calculations (computer program name, developer's name, validation acts)

Sincerely,

Zinovy V. Ruytblatt  
Chair  
Department of Mathematics  
and Computer Science.

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PDR ADDCK 05000295  
P PDR



**VOLUMETRICS**

PHONE 805/239-0110

TELEX 4997552

P.O. BOX 2004 • PASO ROBLES, CA 93447  
AIRPORT ROAD AT BUENA VISTA • PASO ROBLES, CA 93446

May 16, 1985

Warren Wilson College  
701 Warren Wilson Road  
Swannanoa, North Carolina 28778-2099

Attn: Zinovy V. Reytblatt, Chair  
Department of Mathematics & Computer Science

Subject: Letter of March 8, 1985 from Reytblatt to Denton (NRC)  
discussing Zion Station and Volumetrics software.

Dear Mr. Reytblatt:

Your letter refers in several instances to the Volumetrics software relative to the Zion Leak test.

Volumetrics has never furnished software to Zion or in fact to any Commonwealth Edison facility.

We find your remarks libelous and slanderous, and demand a public apology, and a written withdrawal to the NRC absolving our company.

We look forward to a quick solution to save us both the time and effort of litigation.

VOLUMETRICS

James Carp  
President

JC:se

May 21, 1985

Mr. James Carp  
President  
Volumetrics  
P.O. Box 2084  
Paso Robles, CA 93446

Dear Mr. Carp:

SUBJECT: YOUR LETTER TO ME OF MAY 16, 1985

This is to acknowledge the receipt of your letter to me of May 16, 1985. Your desire to disassociate your company from the computer program used for Zion leak rate tests is understandable in view of errors or fraudulent options in this program.

However, the NRC materials sent by Mr. Denton to Mr. Gogol of Chicago CANP on September 27, 1984, identify your company as the author of the computer program used in the Zion leak rate test. I am enclosing a photocopy of the relevant part of materials (Exh. A).

Notwithstanding, I wrote Mr. Denton today (I am enclosing a copy as Exh. B) asking him to provide information on the subject. Should you wish to express your feelings to Mr. Denton directly I would encourage you to do so.

Upon receipt of Mr. Denton's answer in your favor I will immediately: 1) bring you my apologies in writing; 2) publicly denounce my accusation; and 3) write a withdrawal to the NRC absolving your company. Believe me, I know how unjustified and incorrect statements may hurt.

As to your implicit threat of bringing a libel suit I may only suggest that you feel free to do so. Whether you really have authored the faulty and illegal computer program as the NRC suggests or not, the wrong and sometimes fraudulent practices of the current leak rate testing deserve an exposure, and they are quite likely to be a subject of a judicial review unless the situation improves drastically.

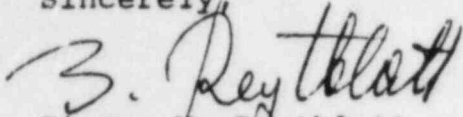
If, as you say, the NRC identification of your company as the developer of the programs is not correct, it certainly would be a pity to incur a financial damage to an innocent party. I am glad that such is not the case since I referred the matter only to the NRC, that is to the same party that had supplied me with the information which, you say, is incorrect. I have not identified your company as the author of a faulty computer program with any other than NRC party that, possibly, has, may have or might have had any relation with your company and, therefore, your reputation has not, and could not have been damaged in any way.

It is most fortunate that I received your letter today. I am planning to speak before the NRC on June 4, 1985. Should I receive Mr. Denton's clarification absolving you authorship before this date

I will publicly denounce my statement at the meeting unless you prefer not to publicize the issue (let me know on that).

Otherwise, I will limit myself with what my attorney recommended me to do, that is, with presenting both, the Volumetrics and the NRC sides of the story.

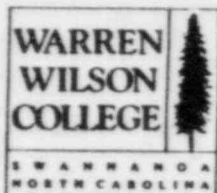
Sincerely,

A handwritten signature in cursive script, appearing to read "Z. Reytblatt".

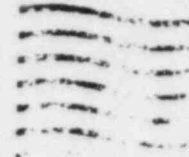
Zinovy V. Reytblatt

Chairman

Department of Mathematics  
and Computer Science



701 WARREN WILSON ROAD  
SWANNANOA, NORTH CAROLINA 28778-2099



Mr. Harold R. Denton, Director  
Office of Nuclear Reactor Regulation  
US Nuclear Regulatory Commission  
Washington, DC 20555

ADDITIONAL INFORMATION



**Commonwealth Edison**  
One First National Plaza, Chicago, Illinois  
Address Reply to: Post Office Box 767  
Chicago, Illinois 60690

June 5, 1985

Mr. Harold R. Denton, Director  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

Subject: Zion Nuclear Power Station Units 1 and 2  
Integrated Containment Leak Rate  
NRC Docket Nos. 50-295 and 50-304

Dear Mr. Denton:

Jan Norris of your office has requested information regarding the software used to perform Zion Station's Integrated Leak Rate test. The software used in these tests was developed by onsite personnel. The Volumetrics Corporation provided none of this material. Zion Station utilizes Volumetrics equipment for containment data acquisition.

If you have any further questions regarding this matter, please contact this office.

Very truly yours,

*Peter LeBlond*

P. C. LeBlond  
Nuclear Licensing Administrator

lm

cc: Region III Inspector - Zion  
J. A. Norris - NRR  
G. N. Wright - State of Ill.

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The following is what  
was EXHIBIT A to the  
letter from Raytblatt  
to Volumetrics. Mr. James  
Camp from Volumetrics  
telecopied it to me.

J. Norris



VOLUMETRICS

FACSIMILE TRANSMISSION RECORD

301-492-4994

DATE: JUNE 3, 1985

MESSAGE NO: F020

ORIGINATOR: JAMES CAMP

TRANSMITTED TO:

COMPANY: U.S. NUCLEAR REGULATORY COMMISSION

ADDRESS: OPERATING REACTOR BRANCH #1  
WASHINGTON, D.C. 20555

JUN 3 PM 3 04

U.S. NUCLEAR REGULATORY COMMISSION

ATTENTION: JOE MORRIS 29774

REGARDING: E.V. REYTRATT LETTER 5/2/85

NOTES: EXHIBIT A (NRC-EXHIBIT 10-19) IS ATTACHED.

THE VOLUMETRICS DATA SHEETS ARE FOR THE

CALIBRATION OF THE PRESSURE SENSORS AND WOULD  
IN NO WAY REFLECT THAT VOLUMETRICS WROTE THE  
SOFTWARE PROGRAM (BY ANY MEANS OF THE IMAGINATION.)